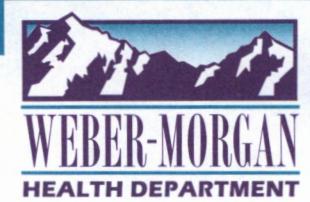


BRIAN W. BENNION, M.P.A., L.E.H.S.
Health Officer/Executive Director



July 15, 2014

Greg Davis
EPA Region 8 Mobile Sources Program Manager
Mailcode: 8P-AR
1595 Wynkoop Street
Denver, CO 80202-1129

Mr. Davis:

Enclosed you will find Weber County's 2013 EPA Report. Please let me know if you have any questions or comments.

Sincerely,

A handwritten signature in blue ink, appearing to read "Elaine Wendt".

Elaine Wendt
I/M Lead Auditor
477 23rd Street
Ogden, UT 84401
801-399-7141
ewendt@co.weber.ut.us

EPA Summary Report

Report data for starting from 1/1/2013 through 12/31/2013

130893 (1) The number of vehicles tested by model year and vehicle type					
Total Vehicles Tested					
	130893	Vehicles Tested	Sub Totals	% of Total Vehicle Tested	Program
			106951	% 81.71	OBD
			23972	% 18.31	TSI
			0	% 0	Diesel
			5	% 0.00	Other

9223 (2i) Failing Initially per test type			
%	of Total Vehicles Tested		
	Subtotals	%	Program
5853	% 5.47	OBD	
3370	% 14.06	TSI	
0	% 0	Diesel	
0	% 0	Other	

1275 (2ii) Failing the first retest per test type			
%	of Failing Initially		
	Subtotals	%	Program
508	% 8.68	OBD	
767	% 22.76	TSI	
0	% 0	Diesel	
0	% 0	Other	

7366 (2iii) Passing the first retest per test type			
%	of Failing Initially		
	Subtotals	%	Program
4949	% 84.55	OBD	
2417	% 71.72	TSI	
0	% 0	Diesel	
0	% 0	Other	

1081 (2iv) Initially failed vehicles passing the 2nd or greater retest			
%	of Failing Initially		
	Subtotals	%	Program
434	% 7.42	OBD	
647	% 19.20	TSI	
0	% 0	Diesel	
0	% 0	Other	

1728	(2xv) Passing the OBD check and failing the I/M gas cap test
%	of Total OBD Vehicles Tested
1.62	
4937	(2xvi) Failing the OBD check and passing the gas cap test
%	of Total OBD Vehicles Tested
4.62	
35682	(2xvii) Passing both the OBD check and the gas cap test
%	of Total OBD Vehicles Tested
33.36	
341	(2xviii) Failing both the OBD check and the gas cap test
%	of Total OBD Vehicles Tested
0.32	
2764	(2xix) MIL On and No DTCS stored
%	of Total OBD Vehicles Tested
2.58	
9819	(2xx) MIL Off and DTCS stored
%	of Total OBD Vehicles Tested
9.18	



1207	(2vi) Vehicles with no known final outcome		
% 13.09	of Failing Initially		
Subtotals	%	Program	
700	% 11.96	OBD	
507	% 15.04	TSI	
0	% 0	Diesel	
0	% 0	Other	

109808	(2xi) Passing the OBD test		
% 102.67	of Total OBD Vehicles Tested		
6544	(2xii) Failing the On-Board Diagnostic check		
% 6.12	of Total OBD Vehicles Tested		

3492	(2xxi) MIL On and DTCS stored		
% 3.27	of Total OBD Vehicles Tested		
107803	(2xxii) MIL Off and No DTCS stored		
% 100.80	of Total OBD Vehicles Tested		
7429	(2xxiii) Not Ready for the OBD test		
% 6.95	of Total OBD Vehicles Tested		

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40 CFR Part 51 - Subpart S Inspection/Maintenance Program Requirements
51.366 - Data Analysis and Reporting Requirements

Reporting Requirement	Reviewer Comments / Location in State Report	Has the State Met the Requirement?
(a) <u>Test Data Report</u> The program shall submit to EPA by July of each year a report providing basic statistics on the testing program for January through December of the previous year, including:	Weber County, UT 2013	
(1) The number of vehicles tested by model year and vehicle type;	See Attached	
(2) By model year and vehicle type, the number and percentage of vehicles:	See Attached	
(i) Failing initially, per test type;	See Attached	
(ii) Failing the first retest per test type;	See Attached	
(iii) Passing the first retest per test type;	See Attached	
(iv) Initially failed vehicles passing the second or subsequent retest per test type;	See Attached	
(v) Initially failed vehicles receiving a waiver; and	2	
(vi) Vehicles with no known final outcome (regardless of reason).	See Attached	
(vii)-(x) [Reserved]		

Reporting Requirement	Reviewer Comments / Location in State Report	Has the State Met the Requirement?
(xi) Passing the on-board diagnostic check;	See Attached	
(xii) Failing the on-board diagnostic check;	See Attached	
(xiii) Failing the on-board diagnostic check and passing the tailpipe test (if applicable);	See Attached	
(xiv) Failing the on-board diagnostic check and failing the tailpipe test (if applicable);	See Attached	
(xv) Passing the on-board diagnostic check and failing the I/M gas cap evaporative system test (if applicable);	See Attached	
(xvi) Failing the on-board diagnostic check and passing the I/M gas cap evaporative system test (if applicable);	See Attached	
(xvii) Passing both the on-board diagnostic check and I/M gas cap evaporative system test (if applicable);	See Attached	
(xviii) Failing both the on-board diagnostic check and I/M gas cap evaporative system test (if applicable);	See Attached	
(xix) MIL is commanded on and no codes are stored;	See Attached	
(xx) MIL is not commanded on and codes are stored;	See Attached	
(xxi) MIL is commanded on and codes are stored;	See Attached	
(xxii) MIL is not commanded on and codes are not stored;	See Attached	

(4)

Reporting Requirement	Reviewer Comments / Location in State Report	Has the State Met the Requirement?
(xxiii) Readiness status indicates that the evaluation is not complete for any module supported by on-board diagnostic systems;	See Attached	
(3) The initial test volume by model year and test station;	See Attached	
(4) The initial test failure rate by model year and test station; and	See Attached	
(5) The average increase or decrease in tailpipe emission levels for HC, CO, and NOX (if applicable) after repairs by model year and vehicle type for vehicles receiving a mass emissions test.	Data not available	
(b) Quality assurance report. The program shall submit to EPA by July of each year a report providing basic statistics on the quality assurance program for January through December of the previous year, including:		
(1) The number of inspection stations and lanes:	114	
(i) Operating throughout the year; and	114	
(2) The number of inspection stations and lanes operating throughout the year:	115, one station has two lanes	
(i) Receiving overt performance audits in the year;	684 audits, 1 per station every two months	
(ii) Not receiving overt performance audits in the year;	0	

Reporting Requirement	Reviewer Comments / Location in State Report	Has the State Met the Requirement?
(iii) Receiving covert performance audits in the year;	108	
(iv) Not receiving covert performance audits in the year; and	6 (Fleet facilities did not have covert audits performed)	
(v) That have been shut down as a result of overt performance audits;	0	
(3) The number of covert audits:		
(i) Conducted with the vehicle set to fail per test type;	166	
(ii) Conducted with the vehicle set to fail any combination of two or more test types;	0	
(iii) Resulting in a false pass per test type;	33	
(iv) Resulting in a false pass for any combination of two or more test types;	0	
(4) The number of inspectors and stations:		
(i) That were suspended, fired, or otherwise prohibited from testing as a result of covert audits;	4 stations and 4 testers were suspended, 3 revoked testers, 34 stations and 23 testers issued a formal warning letter based on their history of violations.	
(ii) That were suspended, fired, or otherwise prohibited from testing for other causes; and	0	
(iii) That received fines;	27 testers were required to pay \$25 to attend the I/M Department's retraining class, which is required after a tester is found to be in violation of the I/M Regulation.	
(5) The number of inspectors licensed or certified to conduct testing;	499	

Reporting Requirement	Reviewer Comments / Location in State Report	Has the State Met the Requirement?
(6) The number of hearings:	6	
(i) Held to consider adverse actions against inspectors and stations; and	5	
(ii) Resulting in adverse actions against inspectors and stations;	5 station and tester suspensions/revocations were upheld	
(7) The total amount collected in fines from inspectors and stations by type of violation;	Overt Audits – Stations \$0, Testers, \$0 Covert Audits – Stations, \$15,910.80, Testers. \$0.00	
(8) The total number of covert vehicles available for undercover audits over the year; and	6	
(9) The number of covert auditors available for undercover audits.	5	
(c) Quality control report The program shall submit to EPA by July of each year a report providing basic statistics on the quality control program for January through December of the previous year, including:		
(1) The number of emission testing sites and lanes in use in the program;	115	
(2) The number of equipment audits by station and lane;	684 audits, 1 per station every two months	
(3) The number and percentage of stations that have failed equipment audits; and	9 equipment audit failures	

Reporting Requirement	Reviewer Comments / Location in State Report	Has the State Met the Requirement?
(4) Number and percentage of stations and lanes shut down as a result of equipment audits.	9 stations were immediately locked out of tailpipe testing, but were able to continue to perform tests on OBD vehicles.	
<p>(d) Enforcement report.</p> <p>(1) All varieties of enforcement programs shall, at a minimum, submit to EPA by July of each year a report providing basic statistics on the enforcement program for January through December of the previous year, including:</p>		
(i) An estimate of the number of vehicles subject to the inspection program, including the results of an analysis of the registration data base;	160,000	
(ii) The percentage of motorist compliance based upon a comparison of the number of valid final tests with the number of subject vehicles;	Not currently available	
(iii) The total number of compliance documents issued to inspection stations;	127,850	
(iv) The number of missing compliance documents;	0	
(v) The number of time extensions and other exemptions granted to motorists; and	None by the Weber-Morgan Health Dept., extensions are handled by the DMV	
(vi) The number of compliance surveys conducted, number of vehicles surveyed in each, and the compliance rates found.	N/A	
(2) Registration denial based enforcement programs shall provide the following additional information:	N/A	

Reporting Requirement	Reviewer Comments / Location in State Report	Has the State Met the Requirement?
(i) A report of the program's efforts and actions to prevent motorists from falsely registering vehicles out of the program area or falsely changing fuel type or weight class on the vehicle registration, and the results of special studies to investigate the frequency of such activity; and	Weber County is currently working with the Utah State Tax Commission and the other I/M counties in Utah to develop a tracking mechanism.	
(ii) The number of registration file audits, number of registrations reviewed, and compliance rates found in such audits.	N/A	
(3) Computer-matching based enforcement programs shall provide the following additional information:	N/A	
(i) The number and percentage of subject vehicles that were tested by the initial deadline, and by other milestones in the cycle;	N/A	
(ii) A report on the program's efforts to detect and enforce against motorists falsely changing vehicle classifications to circumvent program requirements, and the frequency of this type of activity; and	N/A	
(iii) The number of enforcement system audits, and the error rate found during those audits.	N/A	
(4) Sticker-based enforcement systems shall provide the following additional information:	N/A	
(i) A report on the program's efforts to prevent, detect, and enforce against sticker theft and counterfeiting, and the frequency of this type of activity;	N/A	

(9.)

Reporting Requirement	Reviewer Comments / Location in State Report	Has the State Met the Requirement?
(ii) A report on the program's efforts to detect and enforce against motorists falsely changing vehicle classifications to circumvent program requirements, and the frequency of this type of activity; and	N/A	
(iii) The number of parking lot sticker audits conducted, the number of vehicles surveyed in each, and the noncompliance rate found during those audits.	N/A	
<p>(e) Additional reporting requirements.</p> <p>In addition to the annual reports in paragraphs (a) through (d) of this section, programs shall submit to EPA by July of every other year, biennial reports addressing:</p>		
(1) Any changes made in program design, funding, personnel levels, procedures, regulations, and legal authority, with detailed discussion and evaluation of the impact on the program of all such changes; and		
(2) Any weaknesses or problems identified in the program within the two-year reporting period, what steps have already been taken to correct those problems, the results of those steps, and any future efforts planned.	We are still trying to track vehicles with no known outcome. We have been working with the Utah State Tax Commission, Weber State University and other I/M Counties in Utah to develop a tracking mechanism.	

1. Vehicles Tested

Report data for starting from 1/1/2013 through 12/31/2013

Model Year	Passenger Car	Light Duty Truck	Heavy Duty Truck	TOTAL
1968	28	24	0	52
1969	22	24	0	46
1970	18	30	0	48
1971	13	36	1	50
1972	20	72	4	96
1973	22	43	3	68
1974	18	39	2	59
1975	13	40	4	57
1976	22	59	8	89
1977	30	97	13	140
1978	34	103	25	162
1979	51	92	13	156
1980	23	49	7	79
1981	29	53	12	94
1982	29	52	13	94
1983	44	79	18	141
1984	90	164	24	278
1985	127	213	15	355
1986	176	281	20	477
1987	185	284	33	502
1988	277	413	36	726
1989	401	555	25	981
1990	581	594	28	1203
1991	739	705	20	1464
1992	960	866	36	1862
1993	1157	1161	30	2348
1994	1520	1571	47	3138
1995	2046	1857	41	3944
1996	2314	1717	33	4064
1997	3005	2513	38	5556
1998	3502	2561	23	6086
1999	3945	3239	56	7240
2000	4635	3493	50	8178
2001	4796	3641	28	8465
2002	5102	3799	26	8927
2003	5315	3857	28	9200
2004	5226	4165	33	9424
2005	5959	4128	26	10113
2006	5847	4091	35	9973
2007	5684	4055	31	9770
2008	554	498	5	1057
2009	3642	1840	6	5488
2010	602	421	1	1024
2011	2880	2951	15	5846
2012	975	301	12	1288
2013	353	113	0	466
2014	12	2	5	19
TOTAL	73023	56941	929	130893

11.

2i. Vehicles Failing Initially

Report data for test type: ALL starting from 1/1/2013 through 12/31/2013

Model	Passenger Car			Light Duty Truck			Heavy Duty Truck			Total			
	Year	TestCount	Test Failed	% Failed	TestCount	Test Failed	% Failed	TestCount	Test Failed	% Failed	TestCount	Test Failed	% Failed
1968	28	8	28.57		24	3	12.50	0	0	0	52	11	21.15
1969	22	7	31.82		24	5	20.83	0	0	0	46	12	26.09
1970	18	4	22.22		30	5	16.67	0	0	0	48	9	18.75
1971	13	1	7.69		36	12	33.33	1	1	100	50	14	28.00
1972	20	7	35.00		72	22	30.56	4	1	25.00	96	30	31.25
1973	22	3	13.64		43	7	16.28	3	0	0	68	10	14.71
1974	18	6	33.33		39	10	25.64	2	2	100	59	18	30.51
1975	13	2	15.38		40	12	30.0	4	1	25.00	57	15	26.32
1976	22	3	13.64		59	13	22.03	8	3	37.50	89	19	21.35
1977	30	12	40.0		97	32	32.99	13	2	15.38	140	46	32.86
1978	34	10	29.41		103	21	20.39	25	3	12.00	162	34	20.99
1979	51	11	21.57		92	21	22.83	13	1	7.69	156	33	21.15
1980	23	5	21.74		49	18	36.73	7	0	0	79	23	29.11
1981	29	11	37.93		53	20	37.74	12	3	25.00	94	34	36.17
1982	29	4	13.79		52	17	32.69	13	2	15.38	94	23	24.47
1983	44	12	27.27		79	31	39.24	18	3	16.67	141	46	32.62
1984	90	25	27.78		164	73	44.51	24	8	33.33	278	106	38.13
1985	127	27	21.26		213	76	35.68	15	3	20.0	355	106	29.86
1986	176	30	17.05		281	99	35.23	20	3	15.00	477	132	27.67
1987	185	40	21.62		284	83	29.23	33	5	15.15	502	128	25.50
1988	277	54	19.49		413	86	20.82	36	11	30.56	726	151	20.80

1989	401	63	15.71	555	101	18.20	25	2	8.00	981	166	16.92
1990	581	78	13.43	594	114	19.19	28	2	7.14	1203	194	16.13
1991	739	121	16.37	705	110	15.60	20	5	25.00	1464	236	16.12
1992	960	139	14.48	866	141	16.28	36	3	8.33	1862	283	15.20
1993	1157	160	13.83	1161	201	17.31	30	2	6.67	2348	363	15.46
1994	1520	187	12.30	1571	238	15.15	47	5	10.64	3138	430	13.70
1995	2046	229	11.19	1857	251	13.52	41	2	4.88	3944	482	12.22
1996	2314	289	12.49	1717	229	13.34	33	5	15.15	4064	523	12.87
1997	3005	342	11.38	2513	372	14.80	38	3	7.89	5556	717	12.90
1998	3502	394	11.25	2561	339	13.24	23	0	0	6086	733	12.04
1999	3945	364	9.23	3239	305	9.42	56	8	14.29	7240	677	9.35
2000	4635	437	9.43	3493	333	9.53	50	4	8.00	8178	774	9.46
2001	4796	426	8.88	3641	326	8.95	28	1	3.57	8465	753	8.90
2002	5102	258	5.06	3799	145	3.82	26	0	0	8927	403	4.51
2003	5315	223	4.20	3857	132	3.42	28	0	0	9200	355	3.86
2004	5226	229	4.38	4165	111	2.67	33	0	0	9424	340	3.61
2005	5959	173	2.90	4128	79	1.91	26	0	0	10113	252	2.49
2006	5847	156	2.67	4091	69	1.69	35	0	0	9973	225	2.26
2007	5684	127	2.23	4055	76	1.87	31	0	0	9770	203	2.08
2008	554	13	2.35	498	11	2.21	5	0	0	1057	24	2.27
2009	3642	39	1.07	1840	13	0.71	6	0	0	5488	52	0.95
2010	602	4	0.66	421	0	0	1	0	0	1024	4	0.39
2011	2880	14	0.49	2951	11	0.37	15	0	0	5846	25	0.43
2012	975	5	0.51	301	0	0	12	0	0	1288	5	0.39
2013	353	3	0.85	113	1	0.88	0	0	0	466	4	0.86
2014	12	0	0	2	0	0	5	0	0	19	0	0
TOTAL	73023	4755	6.51	56941	4374	7.68	929	94	10.12	130893	9223	7.05

2ii. Vehicles Failing First Retest Test by Type

Report data for test type : ALL starting from 1/1/2013 through 12/31/2013

Model	Passenger Car			Light Duty Truck			Heavy Duty Truck			Total		
	Year	TestCount	Test Failed	% Failed	TestCount	Test Failed	% Failed	TestCount	Test Failed	% Failed	TestCount	Test Failed
1968	8	5	62.50	3	1	33.33	0	0	0	11	6	54.55
1969	7	2	28.57	5	3	60.0	0	0	0	12	5	41.67
1970	4	0	0	5	1	20.0	0	0	0	9	1	11.11
1971	1	0	0	12	2	16.67	1	0	0	14	2	14.29
1972	7	2	28.57	22	3	13.64	1	1	100	30	6	20.0
1973	3	0	0	7	3	42.86	0	0	0	10	3	30.0
1974	6	0	0	10	4	40.0	2	2	100	18	6	33.33
1975	2	0	0	12	5	41.67	1	0	0	15	5	33.33
1976	3	1	33.33	13	6	46.15	3	0	0	19	7	36.84
1977	12	3	25.00	32	7	21.88	2	0	0	46	10	21.74
1978	10	2	20.0	21	11	52.38	3	0	0	34	13	38.24
1979	11	1	9.09	21	7	33.33	1	0	0	33	8	24.24
1980	5	2	40.0	18	4	22.22	0	0	0	23	6	26.09
1981	11	3	27.27	20	13	65.00	3	0	0	34	16	47.06
1982	4	2	50.0	17	5	29.41	2	0	0	23	7	30.43
1983	12	0	0	31	8	25.81	3	1	33.33	46	9	19.57
1984	25	6	24.00	73	12	16.44	8	3	37.50	106	21	19.81
1985	27	14	51.85	76	26	34.21	3	0	0	106	40	37.74
1986	30	6	20.0	99	26	26.26	3	1	33.33	132	33	25.00
1987	40	12	30.0	83	24	28.92	5	1	20.0	128	37	28.91
1988	54	16	29.63	86	23	26.74	11	4	36.36	151	43	28.48

2ii. Vehicles Failing First Retest Test by Type

1989	63	20	31.75	101	19	18.81	2	0	0	166	39	23.49
1990	78	28	35.90	114	22	19.30	2	1	50.0	194	51	26.29
1991	121	27	22.31	110	31	28.18	5	0	0	236	58	24.58
1992	139	44	31.65	141	18	12.77	3	0	0	283	62	21.91
1993	160	48	30.0	201	37	18.41	2	0	0	363	85	23.42
1994	187	42	22.46	238	47	19.75	5	1	20.0	430	90	20.93
1995	229	43	18.78	251	39	15.54	2	0	0	482	82	17.01
1996	289	17	5.88	229	27	11.79	5	1	20.0	523	45	8.60
1997	342	34	9.94	372	36	9.68	3	0	0	717	70	9.76
1998	394	40	10.15	339	50	14.75	0	0	0	733	90	12.28
1999	364	33	9.07	305	23	7.54	8	0	0	677	56	8.27
2000	437	38	8.70	333	21	6.31	4	0	0	774	59	7.62
2001	426	34	7.98	326	22	6.75	1	0	0	753	56	7.44
2002	258	20	7.75	145	10	6.90	0	0	0	403	30	7.44
2003	223	18	8.07	132	17	12.88	0	0	0	355	35	9.86
2004	229	24	10.48	111	6	5.41	0	0	0	340	30	8.82
2005	173	11	6.36	79	6	7.59	0	0	0	252	17	6.75
2006	156	11	7.05	69	3	4.35	0	0	0	225	14	6.22
2007	127	10	7.87	76	4	5.26	0	0	0	203	14	6.90
2008	13	0	0	11	1	9.09	0	0	0	24	1	4.17
2009	39	5	12.82	13	0	0	0	0	0	52	5	9.62
2010	4	0	0	0	0	0	0	0	0	4	0	0
2011	14	2	14.29	11	0	0	0	0	0	25	2	8.00
2012	5	0	0	0	0	0	0	0	0	5	0	0
2013	3	0	0	1	0	0	0	0	0	4	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	4755	626	13.17	4374	633	14.47	94	16	17.02	9223	1275	13.82

(15.)

EPA_2(iii) Vehicles Passing First Retest Test by Type

Report data for test type: ALL starting from 1/1/2013 through 12/31/2013

Model	Passenger Car			Light Duty Truck			Heavy Duty Truck			Total		
	Year	TestCount	Test Passed	% Passed	TestCount	Test Passed	% Passed	TestCount	Test Passed	% Passed	TestCount	Test Passed
1968	8	3	37.50	3	2	66.67	0	0	0	11	5	45.45
1969	7	3	42.86	5	3	60.0	0	0	0	12	6	50.0
1970	4	4	100	5	4	80.0	0	0	0	9	8	88.89
1971	1	0	0	12	10	83.33	1	1	100	14	11	78.57
1972	7	3	42.86	22	16	72.73	1	0	0	30	19	63.33
1973	3	1	33.33	7	4	57.14	0	0	0	10	5	50.0
1974	6	3	50.0	10	5	50.0	2	0	0	18	8	44.44
1975	2	1	50.0	12	7	58.33	1	1	100	15	9	60.0
1976	3	2	66.67	13	6	46.15	3	3	100	19	11	57.89
1977	12	6	50.0	32	23	71.88	2	2	100	46	31	67.39
1978	10	7	70.0	21	9	42.86	3	0	0	34	16	47.06
1979	11	8	72.73	21	14	66.67	1	1	100	33	23	69.70
1980	5	2	40.0	18	11	61.11	0	0	0	23	13	56.52
1981	11	6	54.55	20	10	50.0	3	0	0	34	16	47.06
1982	4	2	50.0	17	9	52.94	2	1	50.0	23	12	52.17
1983	12	9	75.00	31	21	67.74	3	2	66.67	46	32	69.57
1984	25	17	68.00	73	50	68.49	8	5	62.50	106	72	67.92
1985	27	11	40.74	76	49	64.47	3	3	100	106	63	59.43
1986	30	21	70.0	99	67	67.68	3	2	66.67	132	90	68.18
1987	40	25	62.50	83	53	63.86	5	4	80.0	128	82	64.06
1988	54	34	62.96	86	55	63.95	11	7	63.64	151	96	63.58

EPA_2(iii) Vehicles Passing First Retest Test by Type

1989	63	40	63.49	101	78	77.23	2	2	100	166	120	72.29
1990	78	50	64.10	114	85	74.56	2	2	100	194	137	70.62
1991	121	86	71.07	110	77	70.0	5	5	100	236	168	71.19
1992	139	85	61.15	141	118	83.69	3	3	100	283	206	72.79
1993	160	105	65.63	201	149	74.13	2	2	100	363	256	70.52
1994	187	127	67.91	238	187	78.57	5	4	80.0	430	318	73.95
1995	229	182	79.48	251	193	76.89	2	2	100	482	377	78.22
1996	289	244	84.43	229	196	85.59	5	5	100	523	445	85.09
1997	342	289	84.50	372	318	85.48	3	3	100	717	610	85.08
1998	394	335	85.03	339	273	80.53	0	0	0	733	608	82.95
1999	364	308	84.62	305	261	85.57	8	8	100	677	577	85.23
2000	437	375	85.81	333	294	88.29	4	4	100	774	673	86.95
2001	426	368	86.38	326	297	91.10	1	1	100	753	666	88.45
2002	258	204	79.07	145	127	87.59	0	0	0	403	331	82.13
2003	223	181	81.17	132	113	85.61	0	0	0	355	294	82.82
2004	229	184	80.35	111	97	87.39	0	0	0	340	281	82.65
2005	173	145	83.82	79	69	87.34	0	0	0	252	214	84.92
2006	156	136	87.18	69	60	86.96	0	0	0	225	196	87.11
2007	127	101	79.53	76	66	86.84	0	0	0	203	167	82.27
2008	13	10	76.92	11	10	90.91	0	0	0	24	20	83.33
2009	39	29	74.36	13	11	84.62	0	0	0	52	40	76.92
2010	4	3	75.00	0	0	0	0	0	0	4	3	75.00
2011	14	12	85.71	11	11	100	0	0	0	25	23	92.00
2012	5	4	80.0	0	0	0	0	0	0	5	4	80.0
2013	3	3	100	1	1	100	0	0	0	4	4	100
2014	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	4755	3774	79.37	4374	3519	80.45	94	73	77.66	9223	7366	79.87

(17)

2iv. Vehicles Passing the Second or Subsequent Retest Test by Type

Report data for test type: ALL starting from 1/1/2013 through 12/31/2013

Model	Passenger Car			Light Duty Truck			Heavy Duty Truck			Total			
	Year	TestCount	Test Passed	% Passed	TestCount	Test Passed	% Passed	TestCount	Test Passed	% Passed	TestCount	Test Passed	% Passed
1968	8	4	50.0		3	1	33.33	0	0	0	11	5	45.45
1969	7	1	14.29		5	2	40.0	0	0	0	12	3	25.00
1970	4	0	0		5	0	0	0	0	0	9	0	0
1971	1	0	0		12	2	16.67	1	0	0	14	2	14.29
1972	7	3	42.86		22	1	4.55	1	0	0	30	4	13.33
1973	3	1	33.33		7	1	14.29	0	0	0	10	2	20.0
1974	6	0	0		10	3	30.0	2	0	0	18	3	16.67
1975	2	0	0		12	4	33.33	1	0	0	15	4	26.67
1976	3	1	33.33		13	5	38.46	3	0	0	19	6	31.58
1977	12	3	25.00		32	5	15.63	2	0	0	46	8	17.39
1978	10	1	10.0		21	7	33.33	3	0	0	34	8	23.53
1979	11	2	18.18		21	2	9.52	1	0	0	33	4	12.12
1980	5	2	40.0		18	1	5.56	0	0	0	23	3	13.04
1981	11	3	27.27		20	12	60.0	3	0	0	34	15	44.12
1982	4	1	25.00		17	4	23.53	2	0	0	23	5	21.74
1983	12	0	0		31	6	19.35	3	1	33.33	46	7	15.22
1984	25	5	20.0		73	7	9.59	8	3	37.50	106	15	14.15
1985	27	12	44.44		76	23	30.26	3	0	0	106	35	33.02
1986	30	7	23.33		99	22	22.22	3	1	33.33	132	30	22.73
1987	40	8	20.0		83	17	20.48	5	1	20.0	128	26	20.31
1988	54	11	20.37		86	17	19.77	11	4	36.36	151	32	21.19

2iv. Vehicles Passing the Second or Subsequent Retest Test by Type

1989	63	18	28.57	101	22	21.78	2	0	0	166	40	24.10
1990	78	20	25.64	114	19	16.67	2	0	0	194	39	20.10
1991	121	23	19.01	110	31	28.18	5	0	0	236	54	22.88
1992	139	31	22.30	141	17	12.06	3	0	0	283	48	16.96
1993	160	47	29.38	201	28	13.93	2	0	0	363	75	20.66
1994	187	42	22.46	238	44	18.49	5	1	20.0	430	87	20.23
1995	229	35	15.28	251	38	15.14	2	0	0	482	73	15.15
1996	289	12	4.15	229	25	10.92	5	1	20.0	523	38	7.27
1997	341	29	8.50	373	30	8.04	3	0	0	717	59	8.23
1998	394	34	8.63	339	44	12.98	0	0	0	733	78	10.64
1999	366	30	8.20	303	20	6.60	8	0	0	677	50	7.39
2000	436	35	8.03	334	19	5.69	4	0	0	774	54	6.98
2001	426	27	6.34	326	17	5.21	1	0	0	753	44	5.84
2002	258	18	6.98	145	12	8.28	0	0	0	403	30	7.44
2003	222	14	6.31	133	13	9.77	0	0	0	355	27	7.61
2004	229	19	8.30	111	4	3.60	0	0	0	340	23	6.76
2005	173	10	5.78	79	6	7.59	0	0	0	252	16	6.35
2006	156	6	3.85	69	4	5.80	0	0	0	225	10	4.44
2007	127	10	7.87	76	3	3.95	0	0	0	203	13	6.40
2008	13	0	0	11	1	9.09	0	0	0	24	1	4.17
2009	39	5	12.82	13	0	0	0	0	0	52	5	9.62
2010	4	0	0	0	0	0	0	0	0	4	0	0
2011	14	0	0	11	0	0	0	0	0	25	0	0
2012	5	0	0	0	0	0	0	0	0	5	0	0
2013	3	0	0	1	0	0	0	0	0	4	0	0
2014	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	4754	530	11.15	4375	539	12.32	94	12	12.77	9223	1081	11.72

2v. Vehicles Initially Failed get a Waiver

Report data for starting from 1/1/2013 through 12/31/2013

Model	Passenger Car			Light Duty Truck			Heavy Duty Truck			Total			
	Year	TestCount	Test Passed	% Passed	TestCount	Test Passed	% Passed	TestCount	Test Passed	% Passed	TestCount	Test Passed	% Passed
1968	28	0	0	0	24	0	0	0	0	0	52	0	0
1969	22	0	0	0	24	0	0	0	0	0	46	0	0
1970	18	0	0	0	30	0	0	0	0	0	48	0	0
1971	13	0	0	0	36	0	0	1	0	0	50	0	0
1972	20	0	0	0	72	0	0	4	0	0	96	0	0
1973	22	0	0	0	43	0	0	3	0	0	68	0	0
1974	18	0	0	0	39	0	0	2	0	0	59	0	0
1975	13	0	0	0	39	0	0	5	0	0	57	0	0
1976	22	0	0	0	59	0	0	8	0	0	89	0	0
1977	31	0	0	0	96	0	0	13	0	0	140	0	0
1978	34	0	0	0	103	0	0	25	0	0	162	0	0
1979	51	0	0	0	92	0	0	13	0	0	156	0	0
1980	23	0	0	0	49	0	0	7	0	0	79	0	0
1981	29	0	0	0	53	0	0	12	0	0	94	0	0
1982	29	0	0	0	52	0	0	13	0	0	94	0	0
1983	44	0	0	0	79	0	0	18	0	0	141	0	0
1984	90	0	0	0	164	0	0	24	0	0	278	0	0
1985	127	0	0	0	213	0	0	15	0	0	355	0	0
1986	176	0	0	0	281	0	0	20	0	0	477	0	0
1987	185	0	0	0	283	0	0	34	0	0	502	0	0
1988	277	0	0	0	413	0	0	36	0	0	726	0	0

2v. Vehicles Initially Failed get a Waiver

1989	401	0	0	555	0	0	25	0	0	981	0	0
1990	581	0	0	594	0	0	28	0	0	1203	0	0
1991	741	0	0	703	0	0	20	0	0	1464	0	0
1992	960	0	0	866	0	0	36	0	0	1862	0	0
1993	1157	0	0	1161	0	0	30	0	0	2348	0	0
1994	1522	0	0	1569	0	0	47	0	0	3138	0	0
1995	2045	0	0	1858	0	0	41	0	0	3944	0	0
1996	2315	0	0	1716	0	0	33	0	0	4064	0	0
1997	3002	0	0	2515	0	0	39	0	0	5556	0	0
1998	3502	0	0	2561	0	0	23	0	0	6086	0	0
1999	3944	1	0.03	3240	0	0	56	0	0	7240	1	0.01
2000	4634	0	0	3494	0	0	50	0	0	8178	0	0
2001	4800	0	0	3637	1	0.03	28	0	0	8465	1	0.01
2002	5108	0	0	3793	0	0	26	0	0	8927	0	0
2003	5316	0	0	3854	0	0	30	0	0	9200	0	0
2004	5231	0	0	4160	0	0	33	0	0	9424	0	0
2005	5965	0	0	4122	0	0	26	0	0	10113	0	0
2006	5841	0	0	4097	0	0	35	0	0	9973	0	0
2007	5685	0	0	4054	0	0	31	0	0	9770	0	0
2008	554	0	0	498	0	0	5	0	0	1057	0	0
2009	3642	0	0	1840	0	0	6	0	0	5488	0	0
2010	603	0	0	420	0	0	1	0	0	1024	0	0
2011	2881	0	0	2950	0	0	15	0	0	5846	0	0
2012	973	0	0	303	0	0	12	0	0	1288	0	0
2013	353	0	0	113	0	0	0	0	0	466	0	0
2014	12	0	0	2	0	0	5	0	0	19	0	0
TOTAL	73040	1	0.00	56919	1	0.00	934	0	0	130893	2	0.00

2vi.EPA_Vehicles With No Known Final Outcome

Report data starting from 1/1/2013 through 12/31/2013

Model	Passenger Car			Light Duty Truck			Heavy Duty Truck			Total			
	Year	Failed	Never Passed	% Never Passed	Failed	Never Passed	% Never Passed	Failed	Never Passed	% Never Passed	Failed	Never Passed	% Never Passed
1968	8	1	12.50	3	0	0	0	0	0	0	11	1	9.09
1969	7	3	42.86	5	1	20.0	0	0	0	0	12	4	33.33
1970	4	0	0	5	1	20.0	0	0	0	0	9	1	11.11
1971	1	1	100	12	1	8.33	1	0	0	0	14	2	14.29
1972	7	2	28.57	22	6	27.27	1	1	100	100	30	9	30.0
1973	3	3	100	7	2	28.57	0	0	0	0	10	5	50.0
1974	6	3	50.0	10	3	30.0	2	2	100	100	18	8	44.44
1975	2	1	50.0	12	4	33.33	1	0	0	0	15	5	33.33
1976	3	0	0	13	3	23.08	3	0	0	0	19	3	15.79
1977	12	4	33.33	32	3	9.38	2	1	50.0	50.0	46	8	17.39
1978	10	4	40.0	21	5	23.81	3	3	100	100	34	12	35.29
1979	11	2	18.18	21	6	28.57	1	0	0	0	33	8	24.24
1980	5	1	20.0	18	5	27.78	0	0	0	0	23	6	26.09
1981	11	3	27.27	20	1	5.00	3	3	100	100	34	7	20.59
1982	4	2	50.0	17	5	29.41	2	1	50.0	50.0	23	8	34.78
1983	12	4	33.33	31	6	19.35	3	0	0	0	46	10	21.74
1984	25	5	20.0	73	18	24.66	8	0	0	0	106	23	21.70
1985	27	4	14.81	76	11	14.47	3	0	0	0	106	15	14.15
1986	30	6	20.0	99	16	16.16	3	1	33.33	33.33	132	23	17.42
1987	40	6	15.00	83	16	19.28	5	0	0	0	128	22	17.19
1988	54	12	22.22	86	15	17.44	11	0	0	0	151	27	17.88

2i.EPA_Vehicles With No Known Final Outcome

1989	63	9	14.29	101	13	12.87	2	0	0	166	22	13.25
1990	78	16	20.51	114	15	13.16	2	0	0	194	31	15.98
1991	121	19	15.70	110	11	10.0	5	0	0	236	30	12.71
1992	139	31	22.30	141	15	10.64	3	0	0	283	46	16.25
1993	160	23	14.38	201	35	17.41	2	0	0	363	58	15.98
1994	187	31	16.58	238	24	10.08	5	1	20.0	430	56	13.02
1995	229	29	12.66	251	27	10.76	2	0	0	482	56	11.62
1996	289	49	16.96	229	21	9.17	5	0	0	523	70	13.38
1997	341	41	12.02	373	31	8.31	3	0	0	717	72	10.04
1998	394	43	10.91	339	31	9.14	0	0	0	733	74	10.10
1999	366	43	11.75	303	28	9.24	8	0	0	677	71	10.49
2000	436	38	8.72	334	26	7.78	4	0	0	774	64	8.27
2001	426	58	13.62	326	22	6.75	1	0	0	753	80	10.62
2002	258	55	21.32	145	15	10.34	0	0	0	403	70	17.37
2003	222	41	18.47	133	14	10.53	0	0	0	355	55	15.49
2004	229	29	12.66	111	14	12.61	0	0	0	340	43	12.65
2005	173	22	12.72	79	7	8.86	0	0	0	252	29	11.51
2006	156	19	12.18	69	10	14.49	0	0	0	225	29	12.89
2007	127	17	13.39	76	7	9.21	0	0	0	203	24	11.82
2008	13	5	38.46	11	3	27.27	0	0	0	24	8	33.33
2009	39	5	12.82	13	2	15.38	0	0	0	52	7	13.46
2010	4	1	25.00	0	0	0	0	0	0	4	1	25.00
2011	14	3	21.43	11	0	0	0	0	0	25	3	12.00
2012	5	1	20.0	0	0	0	0	0	0	5	1	20.0
2013	3	0	0	1	0	0	0	0	0	4	0	0
TOTAL	4754	695	14.62	4375	499	11.41	94	13	13.83	9223	1207	13.09

(23)

2xi_xli.Vehicles Passing_Failing OBD Test-1

Report data for starting from 1/1/2013 through 12/31/2013

Model	Passenger Car					Light Duty Truck					Heavy Duty Truck					Total				
	Year	TestCount	Test Passed	% Passed	Test Failed	% Failed	TestCount	Test Passed	% Passed	Test Failed	% Failed	TestCount	Test Passed	% Passed	Test Failed	% Failed	TestCount	Test Passed	% Passed	Test Failed
1996	2653	2342	88.28	311	11.72	1681	1454	86.5	227	13.5	0	0	0	0	0	4334	3796	87.59	538	12.41
1997	3439	3059	88.95	380	11.05	2594	2211	85.24	383	14.76	0	0	0	0	0	6033	5270	87.35	763	12.65
1998	4034	3594	89.09	440	10.91	2775	2379	85.73	396	14.27	1	1	100	0	0	6810	5974	87.72	836	12.28
1999	4467	4061	90.91	406	9.09	3157	2870	90.91	287	9.09	0	0	0	0	0	7624	6931	90.91	693	9.09
2000	5215	4733	90.76	482	9.24	3465	3138	90.56	327	9.44	3	2	66.67	1	33.33	8683	7873	90.67	810	9.33
2001	5356	4898	91.45	458	8.55	3579	3238	90.47	341	9.53	0	0	0	0	0	8935	8136	91.06	799	8.94
2002	5536	5248	94.8	288	5.2	3675	3517	95.7	158	4.3	0	0	0	0	0	9211	8765	95.16	446	4.84
2003	5709	5458	95.6	251	4.4	3665	3522	96.1	143	3.9	0	0	0	0	0	9374	8980	95.8	394	4.2
2004	5673	5391	95.03	282	4.97	4017	3903	97.16	114	2.84	0	0	0	0	0	9690	9294	95.91	396	4.09
2005	6358	6166	96.98	192	3.02	3982	3893	97.76	89	2.24	1	1	100	0	0	10341	10060	97.28	281	2.72
2006	6198	6031	97.31	167	2.69	3902	3834	98.26	68	1.74	1	1	100	0	0	10101	9866	97.67	235	2.33
2007	5970	5823	97.54	147	2.46	3927	3849	98.01	78	1.99	0	0	0	0	0	9897	9672	97.73	225	2.27
2008	573	560	97.73	13	2.27	474	462	97.47	12	2.53	1	1	100	0	0	1048	1023	97.61	25	2.39
2009	3785	3739	98.78	46	1.22	1732	1719	99.25	13	0.75	0	0	0	0	0	5517	5458	98.93	59	1.07
2010	631	627	99.37	4	0.63	413	413	100	0	0	0	0	0	0	0	1044	1040	99.62	4	0.38
2011	2990	2974	99.46	16	0.54	2941	2930	99.63	11	0.37	0	0	0	0	0	5931	5904	99.54	27	0.46
2012	1001	996	99.5	5	0.5	281	281	100	0	0	0	0	0	0	0	1282	1277	99.61	5	0.39
2013	366	363	99.18	3	0.82	112	111	99.11	1	0.89	0	0	0	0	0	478	474	99.16	4	0.84
2014	12	12	100	0	0	1	1	100	0	0	0	0	0	0	0	13	13	100	0	0
TOTAL	69966	66075	94.44%	3891	5.56%	46373	43725	94.29%	2648	5.71%	7	6	85.71%	1	14.29%	116346	109806	94.38%	6540	5.62%

2xv_xviii. Vehicles Passing/Failing OBD and or Gas Cap Test

Report data for starting from 1/1/2013 through 12/31/2013

Model	Passenger Car								
	Year	TestCount	BothPassed	% BothPassed	OBDFailed	%OBDFailed	Gas CapFailed	%Gas CapFailed	BothFailed
1996	2825	2205	78.05	285	10.09	119	4.21	21	0.74
1997	3666	2892	78.89	366	9.98	141	3.85	29	0.79
1998	4320	3414	79.03	442	10.23	161	3.73	30	0.69
1999	4788	3845	80.3	450	9.4	146	3.05	29	0.61
2000	5620	4461	79.38	554	9.86	172	3.06	26	0.46
2001	6054	4623	76.36	807	13.33	153	2.53	39	0.64
2002	6033	0	0	0	0	0	0	0	0
2003	6125	0	0	0	0	0	0	0	0
2004	6061	0	0	0	0	0	0	0	0
2005	6725	0	0	0	0	0	0	0	0
2006	6473	0	0	0	0	0	0	0	0
2007	6166	0	0	0	0	0	0	0	0
2008	606	0	0	0	0	0	0	0	0
2009	3866	0	0	0	0	0	0	0	0
2010	664	0	0	0	0	0	0	0	0
2011	3045	0	0	0	0	0	0	0	0
2012	1056	0	0	0	0	0	0	0	0
2013	390	0	0	0	0	0	0	0	0
2014	12	0	0	0	0	0	0	0	0
TOTAL	74495	21440	28.78%	2904	3.90%	892	1.20%	174	3.93

2xix. MIL Commanded On and No Codes are Stored

Report data starting from 1/1/2013 through 12/31/2013

Model	Passenger Car				Light Duty Truck				Heavy Duty Truck				Unknown				Total			
	Year	TestCount	Mil On & No Codes	% Mil On & No Codes	TestCount	Mil On & No Codes	% Mil On & No Codes	TestCount	Mil On & No Codes	% Mil On & No Codes	TestCount	Mil On & No Codes	% Mil On & No Codes	TestCount	Mil On & No Codes	% Mil On & No Codes	TestCount	Mil On & No Codes	% Mil On & No Codes	
1996	2825	135	4.78	1811	133	7.34	0	0	0	2	2	100	4638	270	5.82					
1997	3666	174	4.75	2784	240	8.62	0	0	0	1	1	100	6451	415	6.43					
1998	4320	210	4.86	2963	276	9.31	1	0	0	0	0	0	7284	486	6.67					
1999	4788	215	4.49	3384	158	4.67	0	0	0	1	1	100	8173	374	4.58					
2000	5620	251	4.47	3706	191	5.15	3	1	33.33	0	0	0	9329	443	4.75					
2001	6054	229	3.78	4097	190	4.64	0	0	0	0	0	0	10151	419	4.13					
2002	6033	24	0.4	3953	18	0.46	1	1	100	1	1	100	9988	44	0.44					
2003	6125	43	0.7	3927	20	0.51	0	0	0	0	0	0	10052	63	0.63					
2004	6061	47	0.78	4266	11	0.26	0	0	0	0	0	0	10327	58	0.56					
2005	6725	18	0.27	4178	15	0.36	1	0	0	1	1	100	10905	34	0.31					
2006	6473	37	0.57	4087	14	0.34	1	0	0	0	0	0	10561	51	0.48					
2007	6166	32	0.52	4070	14	0.34	0	0	0	0	0	0	10236	46	0.45					
2008	606	5	0.83	503	1	0.2	2	1	50	0	0	0	1111	7	0.63					
2009	3866	18	0.47	1769	6	0.34	0	0	0	0	0	0	5635	24	0.43					
2010	664	2	0.3	443	1	0.23	1	0	0	0	0	0	1108	3	0.27					
2011	3045	9	0.3	2992	4	0.13	0	0	0	0	0	0	6037	13	0.22					
2012	1056	3	0.28	298	0	0	0	0	0	0	0	0	1354	3	0.22					
2013	390	4	1.03	125	1	0.8	0	0	0	0	0	0	515	5	0.97					
2014	12	0	0	1	0	0	0	0	0	0	0	0	13	0	0					
TOTAL	74495	1456	1.95%	49357	1293	2.62%	10	3	30.00%	6	6	100	123868	2758	2.23%					

2xx. MIL Commanded Off and Codes are Stored

Report data starting from 1/1/2013 through 12/31/2013

Model	Passenger Car			Light Duty Truck			Heavy Duty Truck			Unknown			Total		
	Year	TestCount	Mil Off & Stored Codes	% Mil Off & Stored Codes	TestCount	Mil Off & Stored Codes	% Mil Off & Stored Codes	TestCount	Mil Off & Stored Codes	% Mil Off & Stored Codes	TestCount	Mil Off & Stored Codes	% Mil Off & Stored Codes	TestCount	Mil Off & Stored Codes
1996	2724	265	9.73	1749	219	12.52	0	0	0	2	0	0	4475	484	10.82
1997	3538	388	10.97	2682	264	9.84	0	0	0	1	0	0	6221	652	10.48
1998	4171	455	10.91	2880	316	10.97	1	0	0	0	0	0	7052	771	10.93
1999	4616	546	11.83	3254	305	9.37	0	0	0	1	0	0	7871	851	10.81
2000	5459	569	10.42	3585	337	9.4	3	0	0	0	0	0	9047	906	10.01
2001	5877	698	11.88	3954	302	7.64	0	0	0	0	0	0	9831	1000	10.17
2002	5827	659	11.31	3829	405	10.58	1	0	0	1	0	0	9658	1064	11.02
2003	5927	508	8.57	3792	344	9.07	0	0	0	0	0	0	9719	852	8.77
2004	5862	519	8.85	4123	391	9.48	0	0	0	0	0	0	9985	910	9.11
2005	6507	474	7.28	4050	275	6.79	1	0	0	1	0	0	10559	749	7.09
2006	6264	376	6	3939	259	6.58	1	1	100	0	0	0	10204	636	6.23
2007	6023	226	3.75	3964	156	3.94	0	0	0	0	0	0	9987	382	3.82
2008	538	21	3.9	434	7	1.61	2	0	0	0	0	0	974	28	2.87
2009	3771	90	2.39	1726	28	1.62	0	0	0	0	0	0	5497	118	2.15
2010	595	5	0.84	409	8	1.96	1	0	0	0	0	0	1005	13	1.29
2011	2955	34	1.15	2906	38	1.31	0	0	0	0	0	0	5861	72	1.23
2012	1028	21	2.04	290	4	1.38	0	0	0	0	0	0	1318	25	1.9
2013	389	11	2.83	124	5	4.03	0	0	0	0	0	0	513	16	3.12
2014	12	0	0	1	0	0	0	0	0	0	0	0	13	0	0
TOTAL	72084	5865	8.14%	47696	3663	7.68%	14	1	7.14%	6	0	0	119800	9529	7.95%

2xxi. MIL Commanded On and Codes are Stored
 Report data starting from 1/1/2013 through 12/31/2013

Model	Passenger Car			Light Duty Truck			Heavy Duty Truck			Unknown			Total		
	Year	TestCount	Mil On & Stored Codes	% Mil On & Stored Codes	TestCount	Mil On & Stored Codes	% Mil On & Stored Codes	TestCount	Mil On & Stored Codes	% Mil On & Stored Codes	TestCount	Mil On & Stored Codes	% Mil On & Stored Codes	TestCount	Mil On & Stored Codes
1996	2825	159	5.63	1811	78	4.31	0	0	0	2	0	0	4638	237	5.11
1997	3667	168	4.58	2783	110	3.95	0	0	0	1	0	0	6451	278	4.31
1998	4319	180	4.17	2964	92	3.1	1	0	0	0	0	0	7284	272	3.73
1999	4790	179	3.74	3382	125	3.7	0	0	0	1	0	0	8173	304	3.72
2000	5620	234	4.16	3706	126	3.4	3	0	0	0	0	0	9329	360	3.86
2001	6055	257	4.24	4096	166	4.05	0	0	0	0	0	0	10151	423	4.17
2002	6034	243	4.03	3952	125	3.16	1	0	0	1	0	0	9988	368	3.68
2003	6126	192	3.13	3926	118	3.01	0	0	0	0	0	0	10052	310	3.08
2004	6063	207	3.41	4264	91	2.13	0	0	0	0	0	0	10327	298	2.89
2005	6728	157	2.33	4175	63	1.51	1	0	0	1	0	0	10905	220	2.02
2006	6473	119	1.84	4087	56	1.37	1	0	0	0	0	0	10561	175	1.66
2007	6166	101	1.64	4070	67	1.65	0	0	0	0	0	0	10236	168	1.64
2008	606	9	1.49	503	10	1.99	2	0	0	0	0	0	1111	19	1.71
2009	3866	27	0.7	1769	9	0.51	0	0	0	0	0	0	5635	36	0.64
2010	664	2	0.3	443	0	0	1	0	0	0	0	0	1108	2	0.18
2011	3045	7	0.23	2992	8	0.27	0	0	0	0	0	0	6037	15	0.25
2012	1056	5	0.47	298	0	0	0	0	0	0	0	0	1354	5	0.37
2013	390	2	0.51	125	0	0	0	0	0	0	0	0	515	2	0.39
2014	12	0	0	1	0	0	0	0	0	0	0	0	13	0	0
TOTAL	74505	2248	3.02%	49347	1244	2.52%	10	0	0	6	0	0	123868	3492	2.82%

2xxii. MIL Command Off and Codes Not are Stored-1

Report data starting from 1/1/2013 through 12/31/2013

Model	Passenger Car				Light Duty Truck				Heavy Duty Truck				Unknown				Total			
	Year	TestCount	Mil Off & No Codes	% Mil Off & No Codes	TestCount	Mil Off & No Codes	% Mil Off & No Codes	TestCount	Mil Off & No Codes	% Mil Off & No Codes	TestCount	Mil Off & No Codes	% Mil Off & No Codes	TestCount	Mil Off & No Codes	% Mil Off & No Codes	TestCount	Mil Off & No Codes	% Mil Off & No Codes	
1996	2825	2253	79.75	1811	1372	75.76	0	0	0	2	0	0	4638	3625	78.16					
1997	3666	2922	79.71	2784	2160	77.59	0	0	0	1	0	0	6451	5082	78.78					
1998	4320	3463	80.16	2963	2272	76.68	1	1	100	0	0	0	7284	5736	78.75					
1999	4788	3831	80.01	3384	2781	82.18	0	0	0	1	0	0	8173	6612	80.9					
2000	5620	4552	81	3706	3044	82.14	3	2	66.67	0	0	0	9329	7598	81.44					
2001	6054	4853	80.16	4097	3430	83.72	0	0	0	0	0	0	10151	8283	81.6					
2002	6033	5079	84.19	3953	3399	85.99	1	0	0	1	0	0	9988	8478	84.88					
2003	6125	5370	87.67	3927	3439	87.57	0	0	0	0	0	0	10052	8809	87.63					
2004	6061	5273	87	4266	3765	88.26	0	0	0	0	0	0	10327	9038	87.52					
2005	6725	6060	90.11	4178	3814	91.29	1	1	100	1	0	0	10905	9875	90.55					
2006	6473	5927	91.56	4087	3745	91.63	1	0	0	0	0	0	10561	9672	91.58					
2007	6166	5803	94.11	4070	3828	94.05	0	0	0	0	0	0	10236	9631	94.09					
2008	606	571	94.22	503	483	96.02	2	1	50	0	0	0	1111	1055	94.96					
2009	3866	3730	96.48	1769	1724	97.46	0	0	0	0	0	0	5635	5454	96.79					
2010	664	655	98.64	443	433	97.74	1	1	100	0	0	0	1108	1089	98.29					
2011	3045	2994	98.33	2992	2942	98.33	0	0	0	0	0	0	6037	5936	98.33					
2012	1056	1027	97.25	298	294	98.66	0	0	0	0	0	0	1354	1321	97.56					
2013	390	373	95.64	125	119	95.2	0	0	0	0	0	0	515	492	95.53					
2014	12	12	100	1	1	100	0	0	0	0	0	0	13	13	100					
TOTAL	74495	64748	86.92%	49357	43045	87.21%	10	6	60.00%	6	0	0	123868	107799	87.03%					

2xxiii. Vehicles Failing the Readiness Status

Report data starting from 1/1/2013 through 12/31/2013

Model	Passenger Car			Light Duty Truck			Heavy Duty Truck			Unknown			Total		
	Year	TestCount	Test Failed	% Failed	TestCount	Test Failed	% Failed	TestCount	Test Failed	% Failed	TestCount	Test Failed	% Failed	TestCount	Test Failed
1996	2825	175	6.19	1811	131	7.23	0	0	0	2	0	0	4638	306	6.6
1997	3666	225	6.14	2784	191	6.86	0	0	0	1	0	0	6451	416	6.45
1998	4320	301	6.97	2963	187	6.31	1	0	0	0	0	0	7284	488	6.7
1999	4788	304	6.35	3384	218	6.44	0	0	0	1	0	0	8173	522	6.39
2000	5620	378	6.73	3706	231	6.23	3	0	0	0	0	0	9329	609	6.53
2001	6054	667	11.02	4097	525	12.81	0	0	0	0	0	0	10151	1192	11.74
2002	6033	517	8.57	3953	282	7.13	1	0	0	1	0	0	9988	799	8
2003	6125	420	6.86	3927	265	6.75	0	0	0	0	0	0	10052	685	6.81
2004	6061	416	6.86	4266	241	5.65	0	0	0	0	0	0	10327	657	6.36
2005	6725	363	5.4	4178	194	4.64	1	0	0	1	0	0	10905	557	5.11
2006	6473	266	4.11	4087	174	4.26	1	0	0	0	0	0	10561	440	4.17
2007	6166	190	3.08	4070	135	3.32	0	0	0	0	0	0	10236	325	3.18
2008	606	34	5.61	503	32	6.36	2	0	0	0	0	0	1111	66	5.94
2009	3866	75	1.94	1769	35	1.98	0	0	0	0	0	0	5635	110	1.95
2010	664	33	4.97	443	28	6.32	1	0	0	0	0	0	1108	61	5.51
2011	3045	45	1.48	2992	46	1.54	0	0	0	0	0	0	6037	91	1.51
2012	1056	52	4.92	298	17	5.7	0	0	0	0	0	0	1354	69	5.1
2013	390	22	5.64	125	12	9.6	0	0	0	0	0	0	515	34	6.6
2014	12	0	0	1	0	0	0	0	0	0	0	0	13	0	0
TOTAL	74495	4483	6.02%	49357	2944	5.96%	10	0	0	6	0	0	123868	7427	6.00%

Total					
<u>OBDFailed</u>	<u>%OBDFailed</u>	<u>Gas CapFailed</u>	<u>%Gas CapFailed</u>	<u>BothFailed</u>	<u>%BothFailed</u>
490	10.56	207	4.46	43	0.93
656	10.17	323	5.01	65	1.01
784	10.76	308	4.23	64	0.88
754	9.23	271	3.32	48	0.59
872	9.35	324	3.47	50	0.54
1380	13.59	295	2.91	70	0.69
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
4937	3.99	1728	1.39	341	0.28

Light Duty Truck									
TestCount	BothPassed	% BothPassed	OBDFailed	%OBDFailed	Gas CapFailed	%Gas CapFailed	BothFailed	%BothFailed	TestCount
1811	1339	73.94	205	11.32	88	4.86	22	1.21	0
2784	2017	72.45	290	10.42	182	6.54	36	1.29	0
2963	2206	74.45	342	11.54	147	4.96	34	1.15	1
3384	2707	79.99	304	8.98	125	3.69	19	0.56	0
3706	2952	79.65	318	8.58	151	4.07	24	0.65	3
4097	3019	73.69	573	13.99	142	3.47	31	0.76	0
3953	0	0	0	0	0	0	0	0	1
3927	0	0	0	0	0	0	0	0	0
4266	0	0	0	0	0	0	0	0	0
4178	0	0	0	0	0	0	0	0	1
4087	0	0	0	0	0	0	0	0	1
4070	0	0	0	0	0	0	0	0	0
503	0	0	0	0	0	0	0	0	2
1769	0	0	0	0	0	0	0	0	0
443	0	0	0	0	0	0	0	0	1
2992	0	0	0	0	0	0	0	0	0
298	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0
49357	14240	28.85%	2032	4.12%	835	1.69%	167	0.34%	14

Heavy Duty Truck

<u>BothPassed</u>	<u>%BothPassed</u>	<u>OBDFailed</u>	<u>%OBDFailed</u>	<u>Gas CapFailed</u>	<u>%Gas CapFailed</u>	<u>BothFailed</u>	<u>%BothFailed</u>	<u>TestCount</u>	<u>BothPassed</u>
0	0	0	0	0	0	0	0	2	0
0	0	0	0	0	0	0	0	1	0
1	100	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0
1	33.33	0	0	1	33.33	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
2	14.29%	0	0	1	7.14	0	0	6	0

Unknown									
%BothPassed	OBDFailed	%OBDFailed	Gas CapFailed	%Gas CapFailed	BothFailed	%BothFailed	TestCount	BothPassed	%BothPassed
0	0	0	0	0	0	0	4638	3544	76.41
0	0	0	0	0	0	0	6451	4909	76.1
0	0	0	0	0	0	0	7284	5621	77.17
0	0	0	0	0	0	0	8173	6552	80.17
0	0	0	0	0	0	0	9329	7414	79.47
0	0	0	0	0	0	0	10151	7642	75.28
0	0	0	0	0	0	0	9988	0	0
0	0	0	0	0	0	0	10052	0	0
0	0	0	0	0	0	0	10327	0	0
0	0	0	0	0	0	0	10905	0	0
0	0	0	0	0	0	0	10561	0	0
0	0	0	0	0	0	0	10236	0	0
0	0	0	0	0	0	0	1111	0	0
0	0	0	0	0	0	0	5635	0	0
0	0	0	0	0	0	0	1108	0	0
0	0	0	0	0	0	0	6037	0	0
0	0	0	0	0	0	0	1354	0	0
0	0	0	0	0	0	0	515	0	0
0	0	0	0	0	0	0	13	0	0
0	0	0	0	0	0	0	123878	35682	28.8

